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**Abstract**

***Compositions and Methods for Immobilizing Nucleic Acids to Solid Supports***

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Novel compositions comprised of at least one bead conjugated to a solid support and further conjugated to at least one nucleic acid and preferred methods for making the novel compositions are described. As compared to "flat" surfaces, beads linked to a solid support provide an increased surface area for immobilization of nucleic acids. Furthermore, by selecting a bead with the desired functionality, a practitioner can select a functionalization chemistry for immobilizing nucleic acids, which is different from the chemistry of the solid support.

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